



**Montana  
Office of Public Instruction**  
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## Montana College Preparatory Curriculum Program 2012 – 2013 Academic Year

Big Sky High School ----- Last Updated June 7, 2012

<p><b>English: Minimum Core – 4 years.</b> In each year the content of the course should have an emphasis upon the development of written and oral communication skills and literature.</p> <p><b>English: Rigorous Core – 4 years.</b> Recommendation: a designated college-prep composition or research writing course.</p>	<p><b>Social Studies: Minimum Core – 3 years.</b> The courses shall include Global Studies (such as World History or World Geography); American History; and Government, Economics, Indian History or other third year courses.</p> <p><b>Social Studies: Rigorous Core – 3 years.</b> As above, with recommendation: one half year or more of other courses such as psychology, humanities.</p>
<p><u><i>Yearlong English courses including Composition Speech, and Literature:</i></u></p> <p>English I, II, III, IV English I Readiness Honors English II AP English III, IV General English I, II, III, IV Reading English IV</p> <p><i>Other English courses which must be combined in such a way that each year's combination includes Composition, Speech, and Literature:</i></p> <p><u><i>Composition:</i></u> Creative Writing I, II, III, IV Literary Magazine</p> <p><u><i>Speech:</i></u> Speech I, II</p> <p><u><i>Literature:</i></u> Youth in Conflict Human Dignity Literature of the West Fantasy and Mythology</p>	<p>Students must complete a full year of global studies such as World History or World Geography, a full year of American History, and an additional year in another social studies field such as economics, government, psychology, sociology, tribal government, or Indian Ed for All. (Per Joyce A. Scott, Deputy Commissioner Academic &amp; Student Affairs, April 2002.)</p> <p><u><i>Global Studies:</i></u></p> <p>World History: Early World History: Modern World Issues Seminar World Geography – Eastern Hemisphere World Geography – Western Hemisphere</p> <p><u><i>American History:</i></u></p> <p>U.S. History AP U.S. History ALC U.S. History General U.S. History</p> <p><u><i>Additional Social Studies Courses:</i></u></p> <p>Government Economics AP Government/Economics AP Humanities ALC Government General Government Montana History, People and Issues Native American Studies Psychology Sociology/Criminology</p>

<p><b>Math: Minimum Core – 3 years.</b>  Courses shall include Algebra I, Geometry and Algebra II (or the sequential content equivalent of these courses). Students are encouraged to take a math course in their senior year. NOTE: In school systems where a student may take Algebra I in 8<sup>th</sup> Grade, the student still must complete 3 years of college preparatory math in High School. (Per Richard A. Crofts, Commissioner of Higher Education, 1995.)</p> <p><b>Math: Rigorous Core – 4 years.</b>  A course beyond Algebra II or beyond Integrated Math III (such as Trigonometry, PreCalculus, Calculus, Computer Math, Integrated Math IV).</p>	<p><b>Science: Minimum Core – 2 years.</b>  Two years of laboratory science: One year must be earth science, biology, chemistry or physics. The other can be one of the courses listed below or another approved college preparatory lab science.</p> <p><b>Science: Rigorous Core – 3 years.</b>  One full year of general earth science, biology, and chemistry or physics.</p>
<p><u>Satisfies Minimum Core:</u></p> <p>Algebra I, II  Honors Algebra I, II  Geometry  Honors Geometry  Integrated Math 1A + 1B  Integrated Math 1, 2 (SIMMS)  Integrated Math 1.5  Honors Integrated Math 2  Integrated Math 4</p> <p><u>Satisfies Rigorous Core:</u></p> <p>Integrated Math 3  Honors Integrated Math 3  AP Statistics  Functions, Statistics and Trigonometry  Pre-Calculus  Honors Pre-Calculus  Calculus  AP Calculus</p>	<p><u>Lab Science Courses:</u></p> <p>Biology I, II  AP Biology  Biology II/ Ecology  Biology II/Wildlife  Chemistry I, II  Earth Science  Integrated Physics and Chemistry I, II  Integrated Biology and Earth Science I, II  Physics I, II</p> <p><u>Additional Science Courses:</u></p> <p>Advanced Prob. Science  Biology II/ Human Anatomy and Ecology  Biology II/ Natural Resources  Geology  General Science  Innovative Energy Systems</p>

**Electives: Minimum Core – 2 years, chosen from the following.**

World Language (preferably 2 years); computer science, visual and performing arts, or vocational education units which meets the Office of Public Instruction (OPI) guidelines.

**Electives: Rigorous Core – 3 years, chosen from the following.**

Two years of second language, music, fine arts, speech and debate, career and technical education (such as information technology (IT) or computer science).

**Career, Vocational and Technical Education:**

Accounting I, II  
 Actionwear  
 Advanced General Marketing  
 Advanced Sewing  
 Agricultural Education I, II, III- IV  
 Building Trades I, II  
 Business Job Shadow  
 Career Exploration  
 Childhood Training  
 Childhood Training Lab  
 Computer Concepts  
 Culinary Arts I, II, III  
 Digital Media  
 Drafting  
 Exploring  
 Childhood  
 Exploring Childhood Lab  
 Computer Processing I, II  
 Exploring Foods  
 Exploring Technology  
 Fashion Dynamics  
 Foods and Fitness  
 General Marketing  
 Graphic Design I, II  
 Health Care Foundations I, II  
 Home Interiors Fashion Merchandising  
 Hospitality, Tourism and Recreation  
 House/Living Environment  
 I.S. Woods  
 Introduction to Animal Science  
 Introduction to Computers  
 Introduction to Culinary Arts  
 Marketing 1 – Introduction to Business  
 Marketing 2 – Principles of Marketing and Sale  
 Marketing 3 – Starting Your Own Business  
 Marketing 4 – Advertising  
 Marketing 5  
 Marketing 6  
 Marketing Co-Op  
 Office Co-Op  
 Personal Finance  
 Power Tech I, II  
 Power Tech 3A  
 Power Tech 3B  
 Practical Psychology  
 Pre-Accounting  
 Prep for Life

**Music:**

Band – Beginning, Intermediate, Advanced  
 Beginning Orchestra  
 Beginning Strings  
 Choir – Frosh, Intermediate, Treble, Advanced  
 Men's Choir  
 Mixed Choir I, II  
 Women's Choir I, II  
 Exploring Music  
 Guitar  
 I.S. Band, Music, Orchestra  
 Jazz Band  
 Music Technology  
 Strings Orchestra  
 Wind Ensemble

**Fine Arts and Speech & Debate:**

Advanced Theatre  
 Ceramics I, II  
 Crafts and Design  
 Drama I, II  
 Drawing I, II  
 Filmmaking  
 Graphic Illustration  
 I.S. Drama  
 I.S. Journalism  
 Intro to Art  
 Jewelry  
 Journalism I, II  
 Painting I, II  
 Printmaking  
 Sculpture  
 Senior Studio  
 Technical Theatre  
 Watercolor  
 Yearbook

**World Language:**

Arabic  
 French I, II, III, IV  
 German I, II, III, IV  
 Latin I, II, III  
 Mandarin Chinese I, II, III  
 Spanish I, II, III, IV

Career, Vocational and Technical Education, contd.:

Principles of Biomedical Science

Quick Foods

Small Engines I, II

Street/Business Law

Technology Tools

Textiles/Apparel

Video Production I, II

Vocational Prep I, II

Web Design I, II

Wood Tech I, II, III

Welding I, II

Word Processing I, II, III